



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Friday May 6, 2022

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Marginal to Slight risk of severe storms this morning for SE LA.**
- **Elevated to Critical fire weather conditions continue at times into early next week across NM, W TX, and W OK.**
- **Record/near record heat this weekend into early next week across much of FEMA Region 6.**



FEMA Region 6 Threat Matrix

May 6, 2022 - May 10, 2022

| DAY / THREAT | Fri | Sat | Sun | Mon | Tue |
|-----------------------------|---------|---------------|--------------------|--------------------|--------------------|
| Severe Storms | SE LA | | | | |
| Heavy Rain / Flash Flooding | | | | | |
| Fire Weather | NM, WTX | NM, WTX, W OK | NM, WTX, W OK | NM, WTX, W OK | NM, WTX |
| Winds | | | | | |
| Heat | | NM, TX | NM, TX, OK, AR, LA | NM, TX, OK, AR, LA | NM, TX, OK, AR, LA |
| River Flooding | E OK | E OK | E OK | E OK | E OK, AR |
| | AR, LA | AR | AR | AR | |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

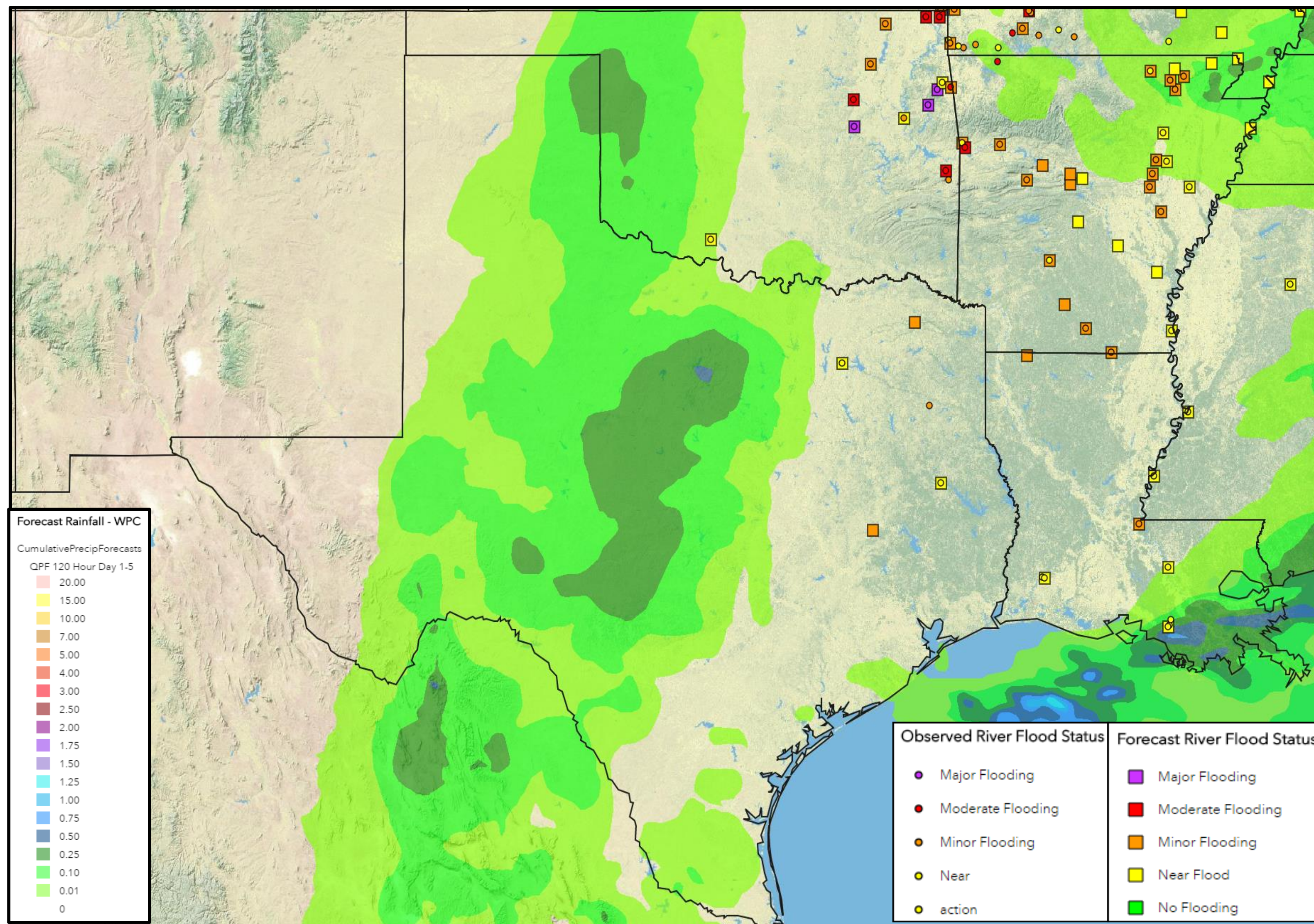
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



<http://water.weather.gov/ahps> for latest river flooding

Moderate to isolated major river flooding is occurring across E OK. Most areas have crested and are forecast to drop below flood stage by the end of the weekend.

Deep Fork River near Beggs is forecast to crest at ~33ft tonight/Saturday morning. Severe agricultural flooding is occurring. Local roads northwest of Okmulgee are closed. Suburban homes northwest of the city become flooded. 20th Street in Okmulgee is closed and nearby businesses may be flooded.

Portions of the Illinois River are in major flood. State Highway Portions of State Highway 10 is closed. Many cabins and parks are severely flooded or are totally isolated for an extended duration.

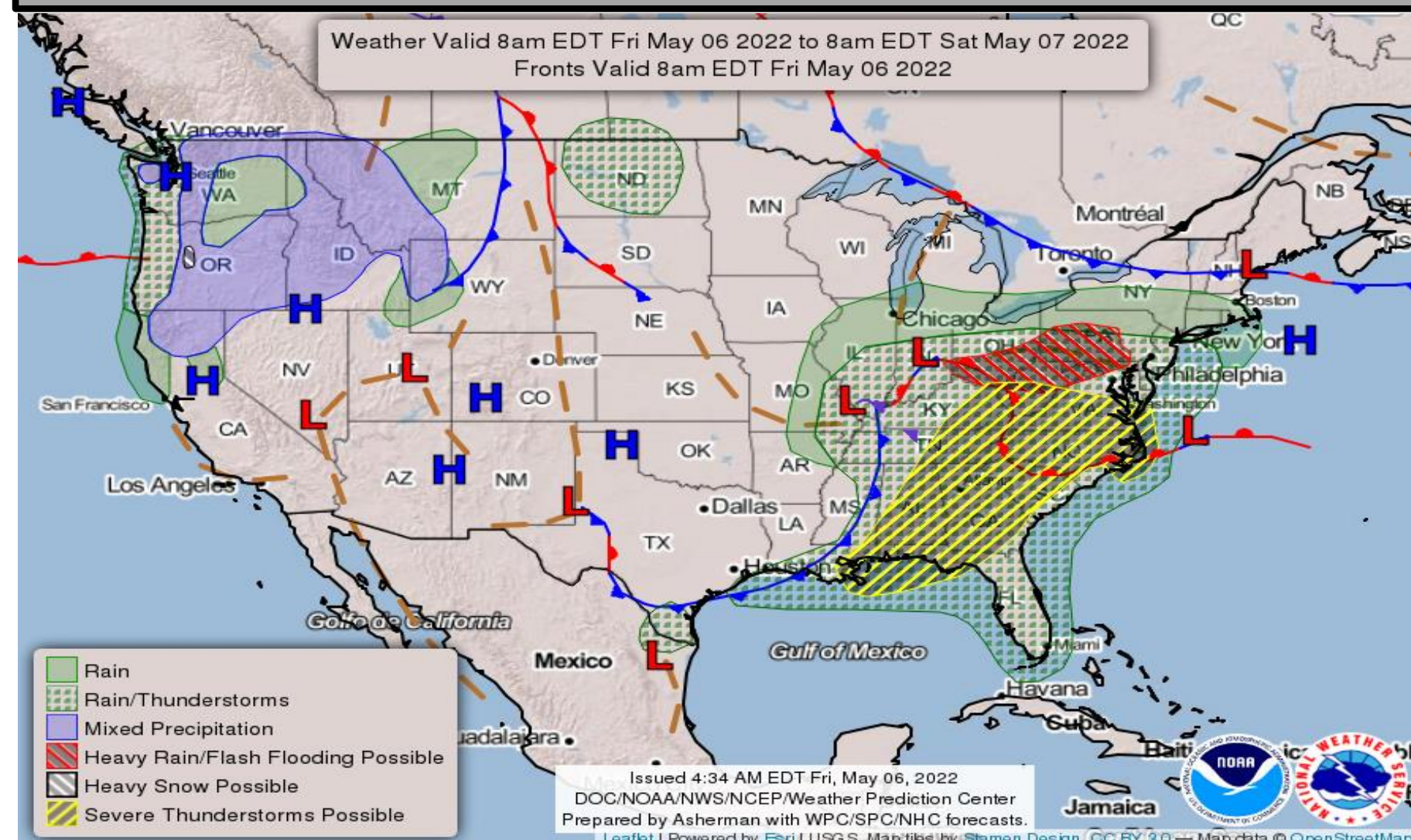
Minor river flooding across parts of AR and LA.

Impacts to secondary roads in agricultural and recreational areas.

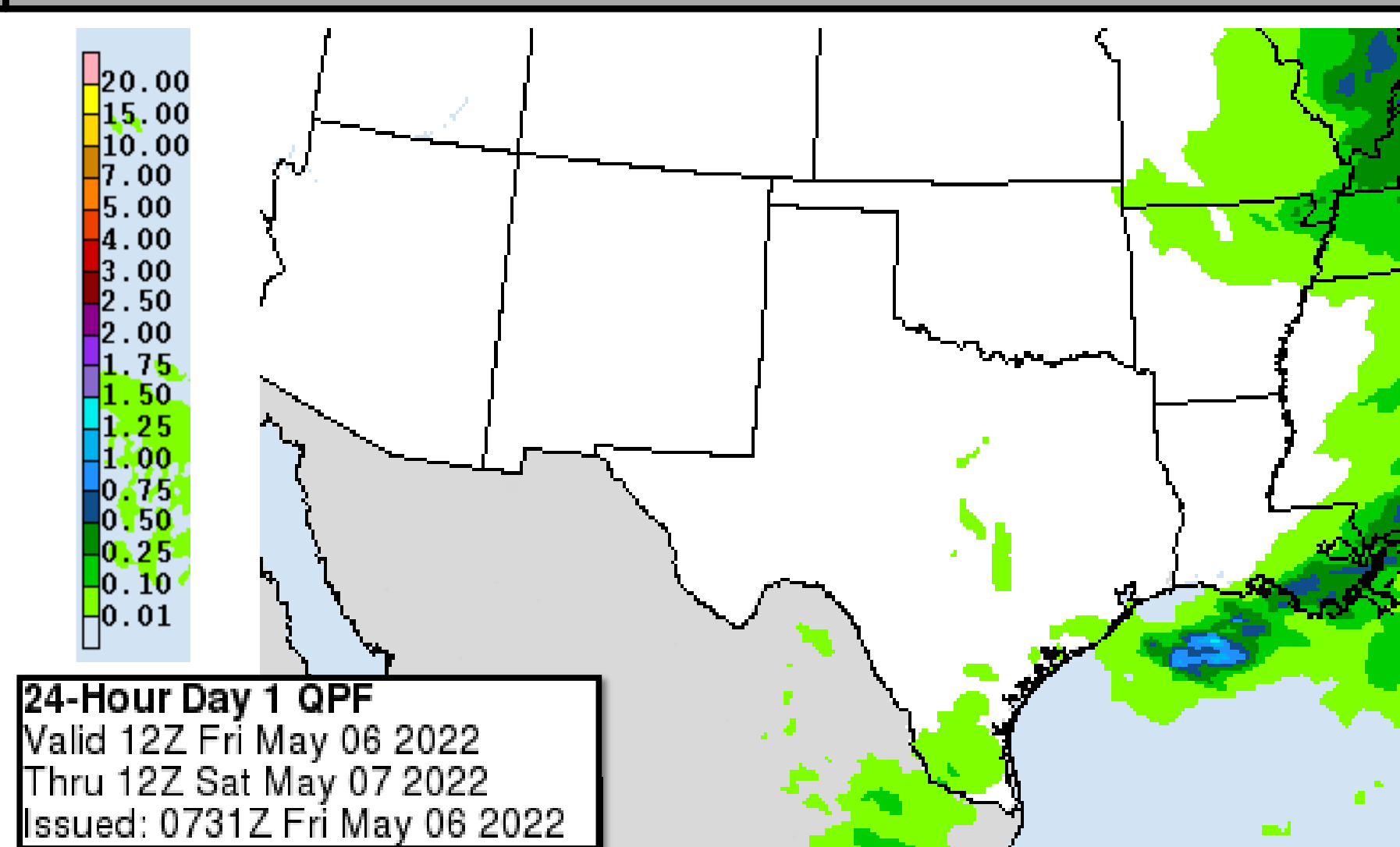


Today's Weather

Forecast Chart



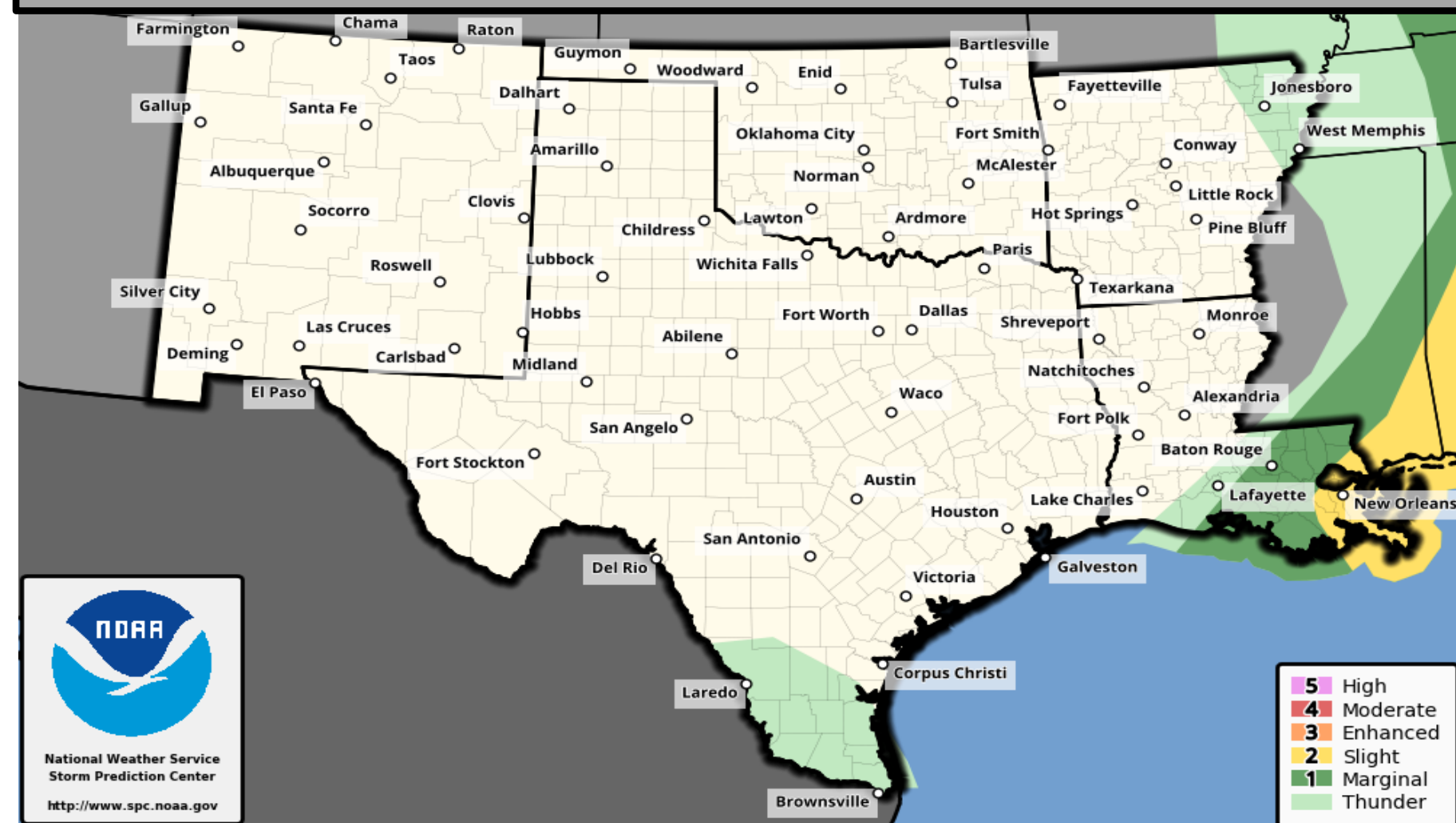
Forecast Rainfall



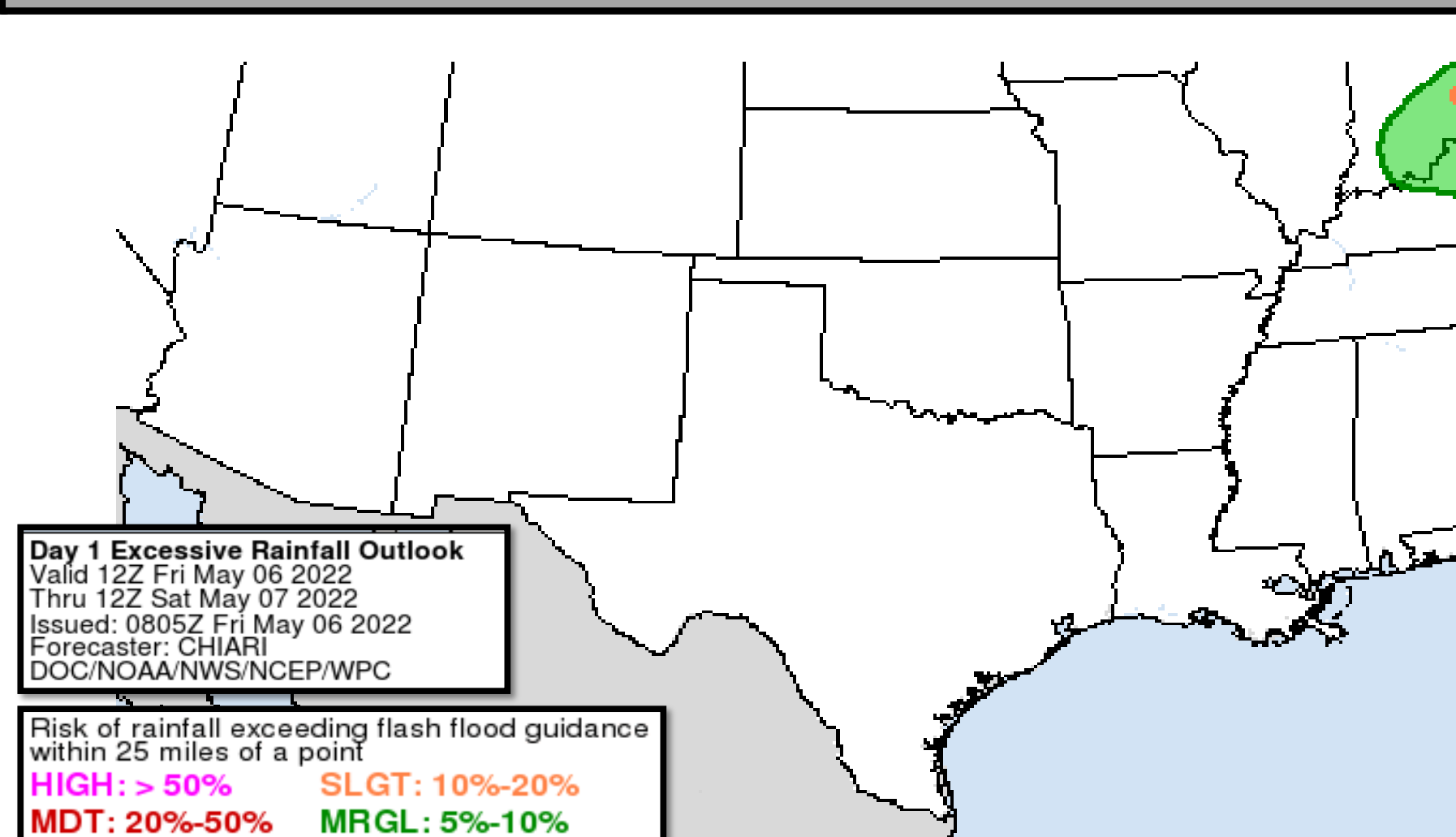
Marginal risk of severe storms with isolated damaging winds and hail across SE LA.

Elevated fire weather conditions for portions of NM and W TX.

Severe Weather Outlook



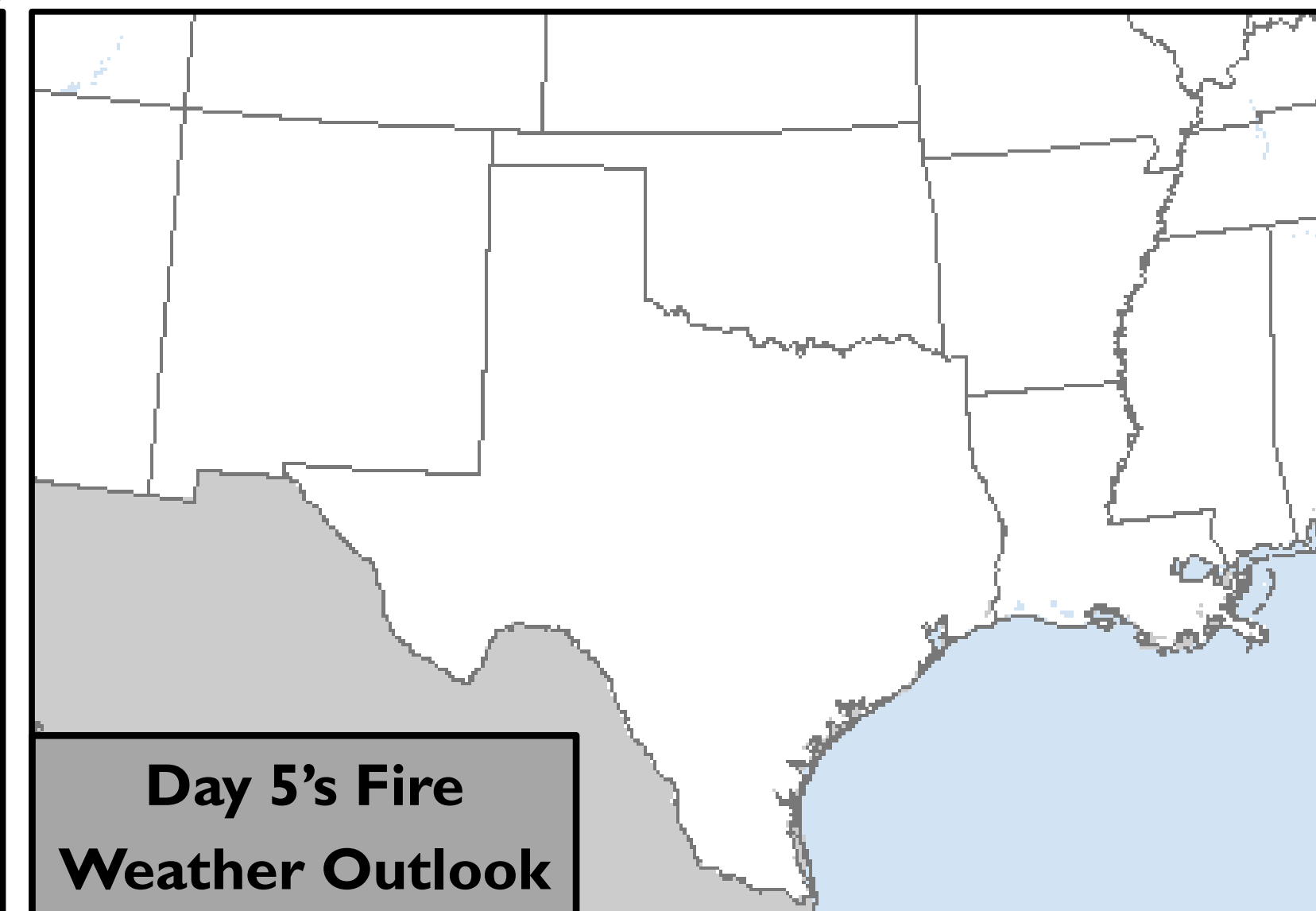
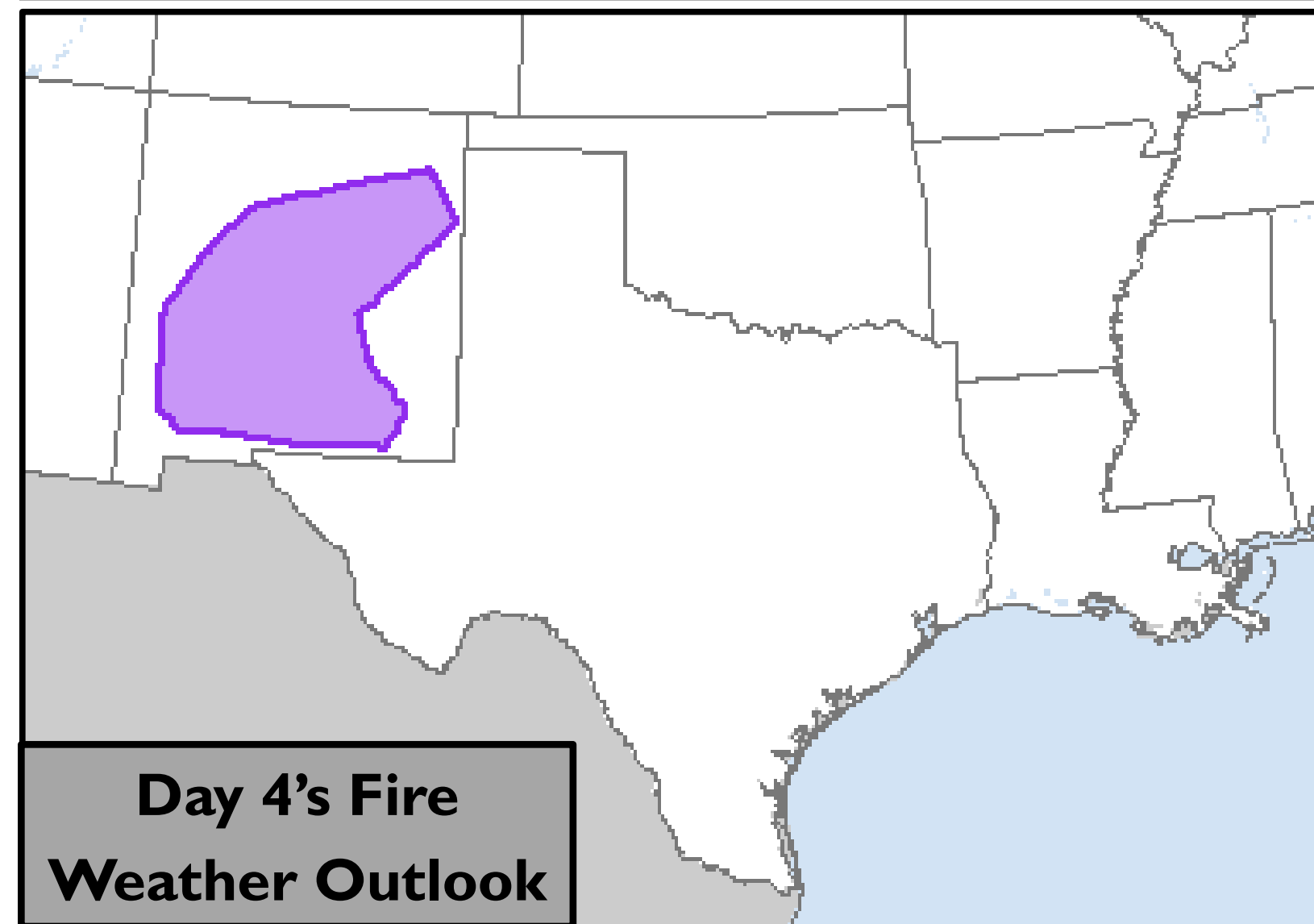
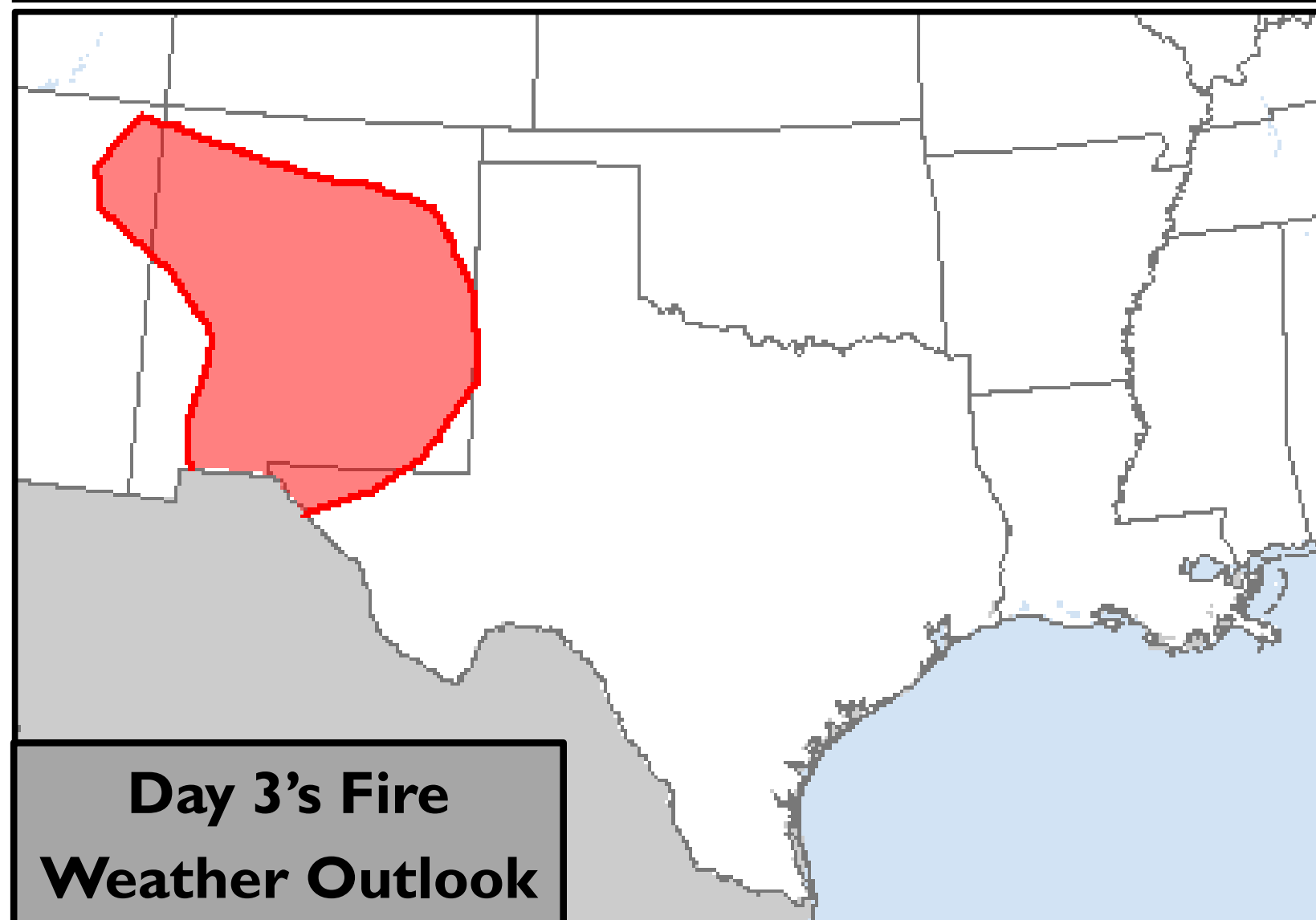
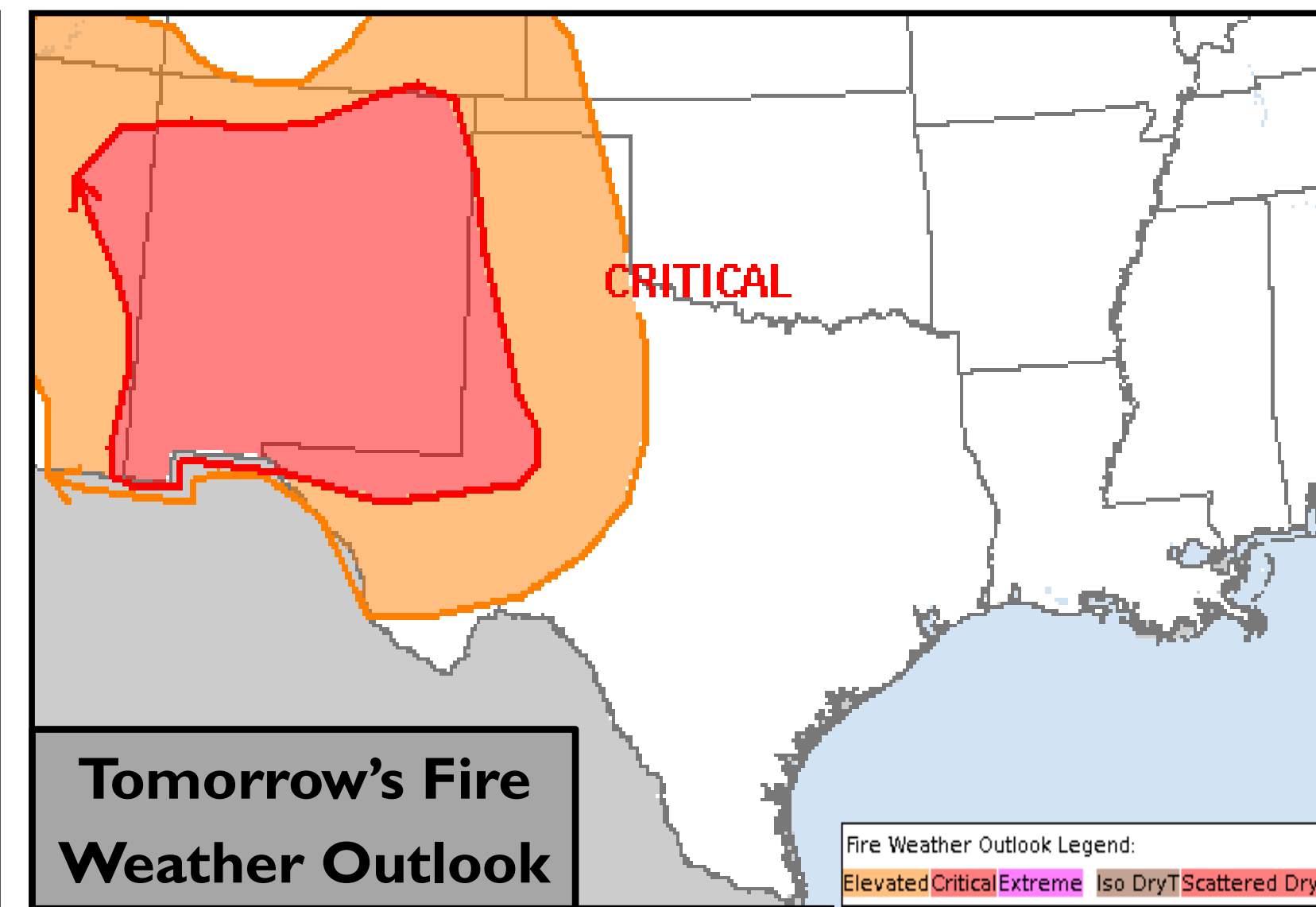
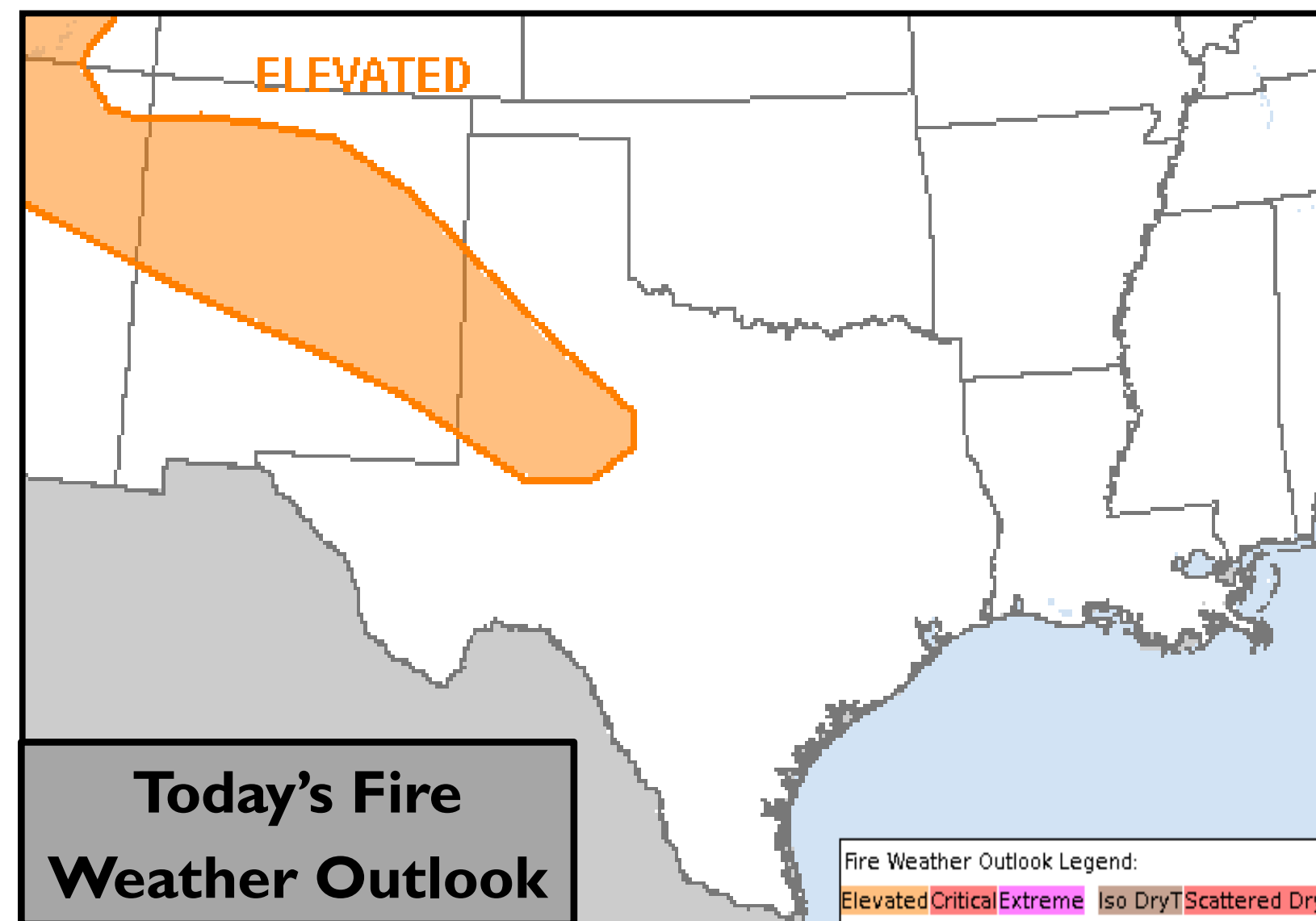
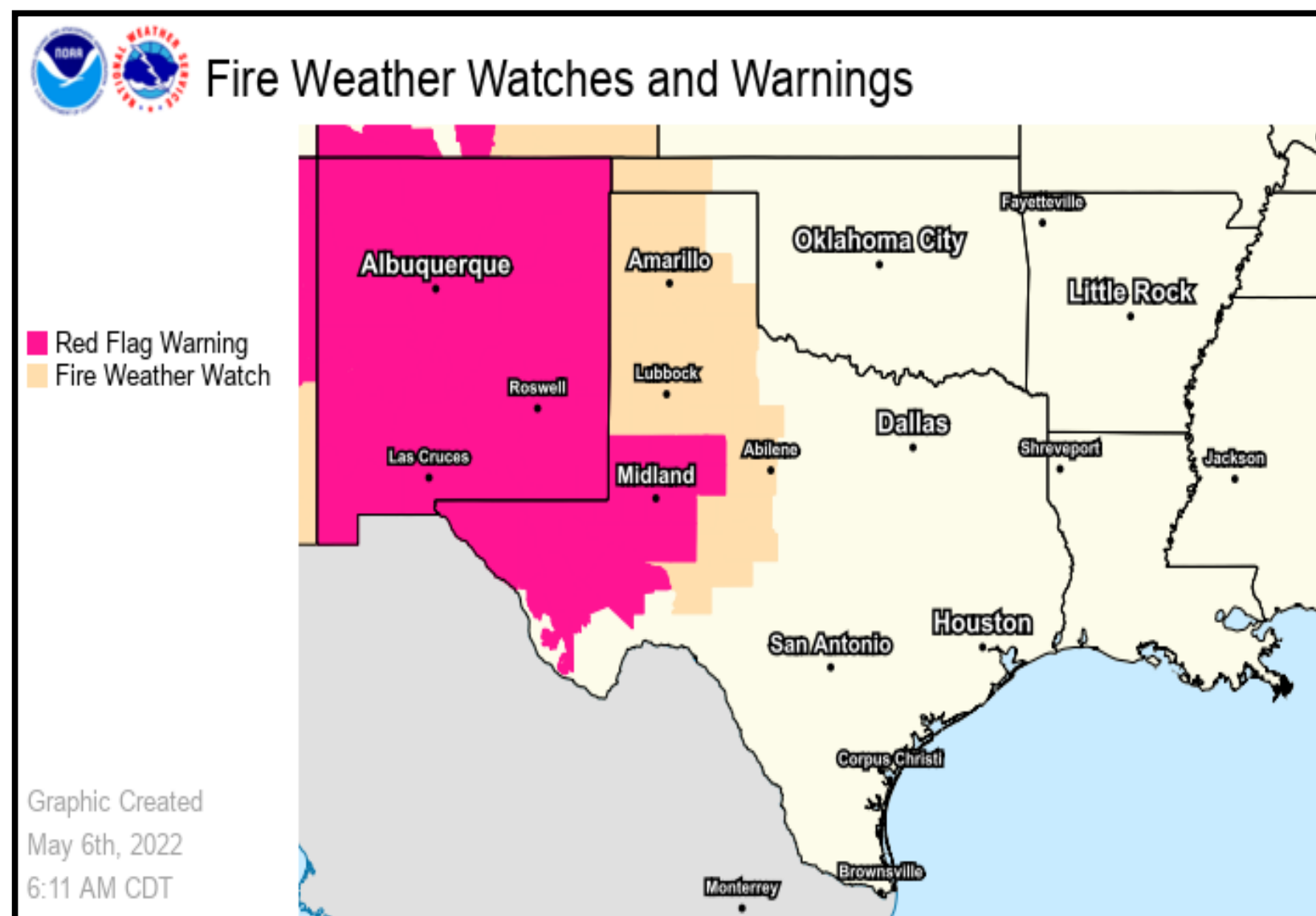
Excessive Rainfall Outlook





Fire Weather Outlooks

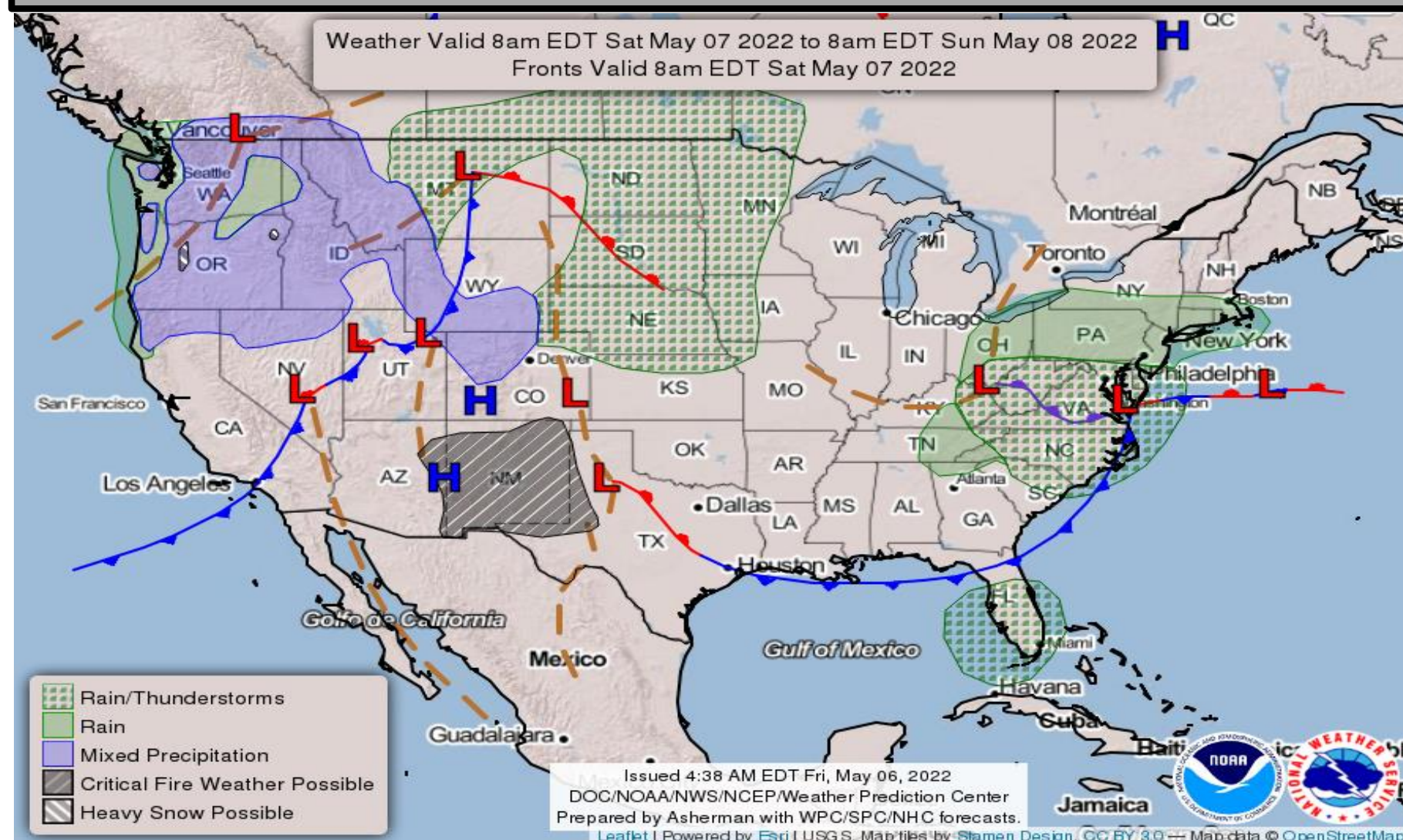
Note: Days 3-5 only highlight critical areas



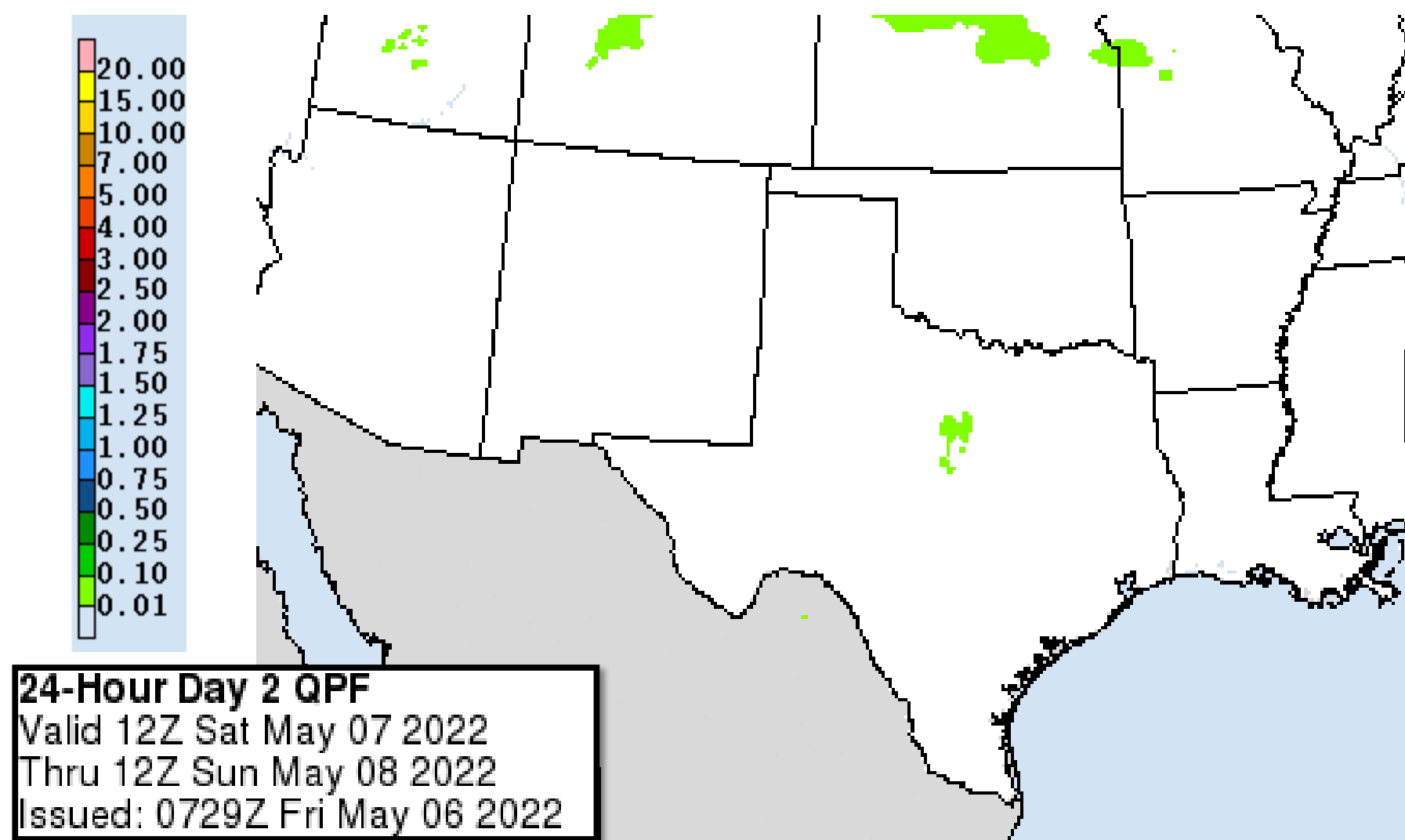


Tomorrow's Weather

Forecast Chart



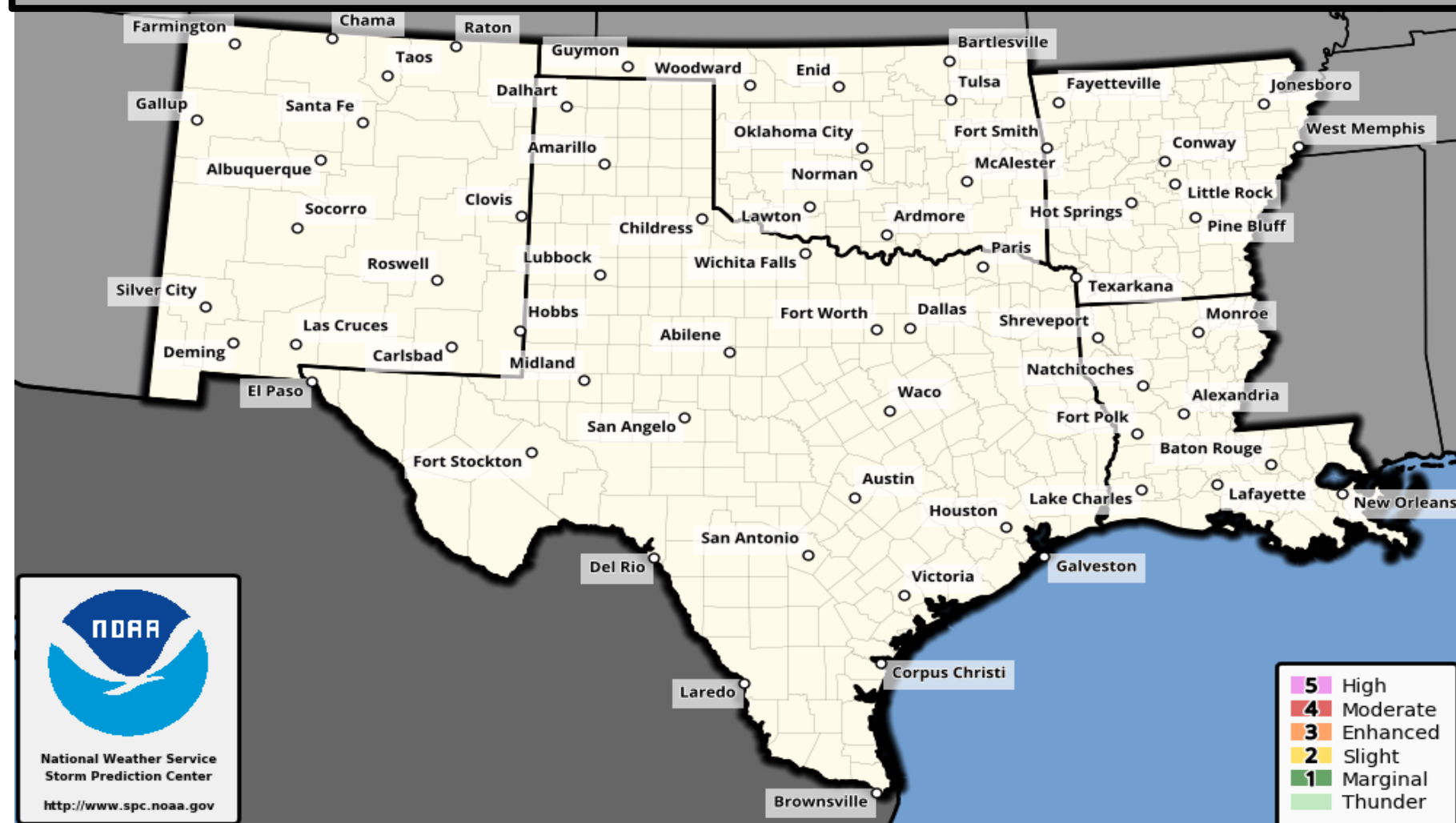
Forecast Rainfall



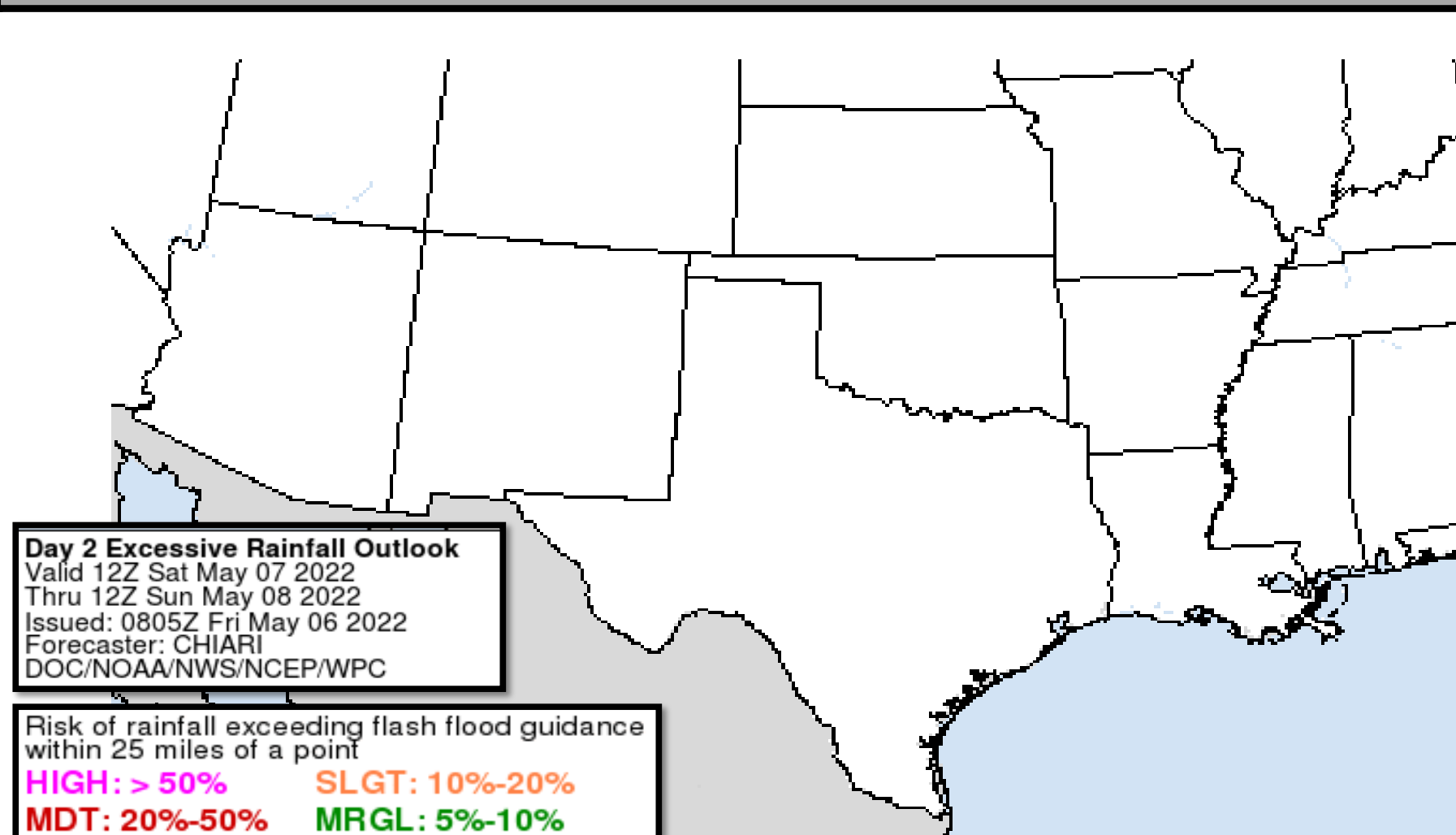
Record/near record heat across parts of NM and TX.

Critical / near-critical fire weather conditions across NM, WTX, and W OK.

Severe Weather Outlook



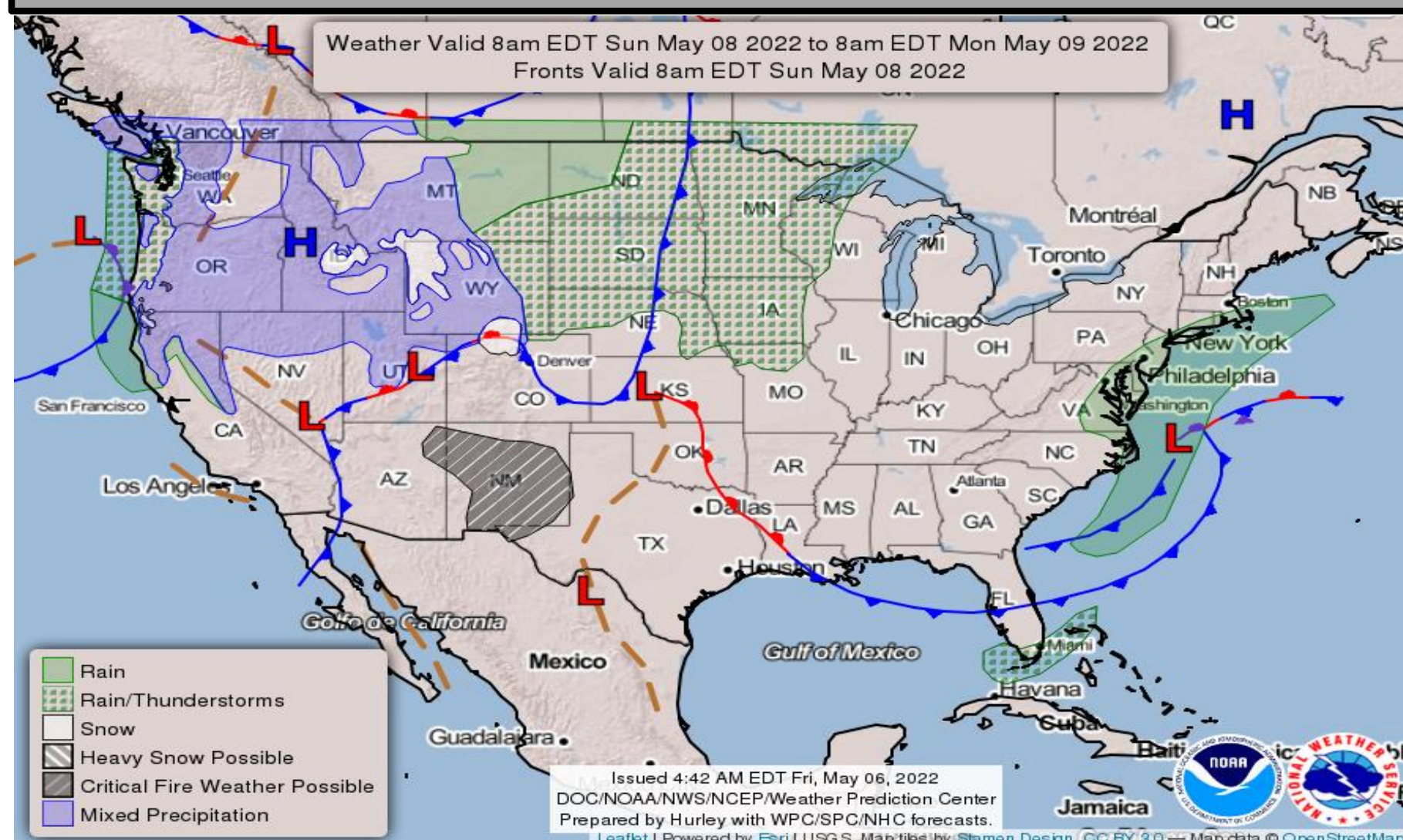
Excessive Rainfall Outlook



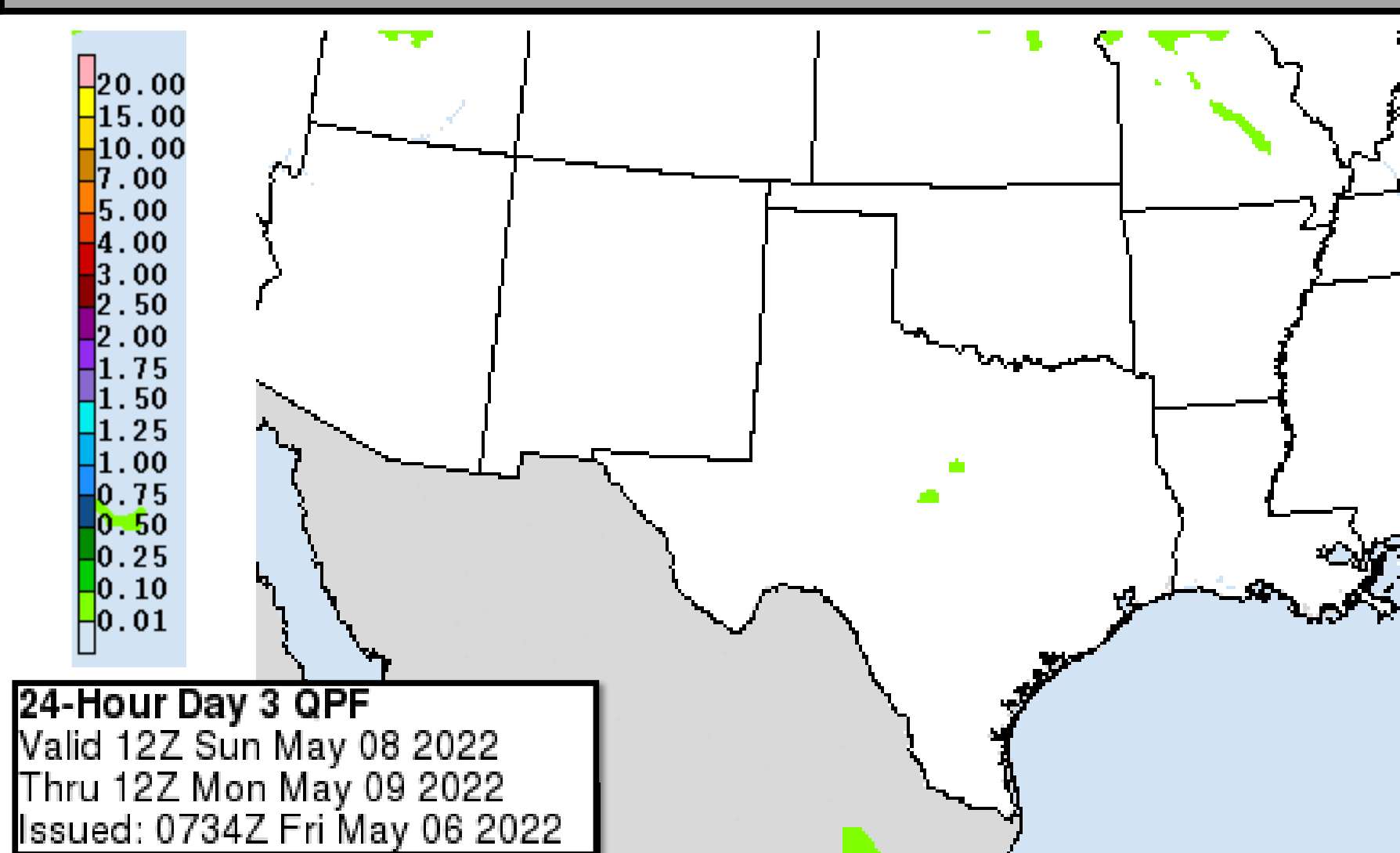


Sunday's Weather

Forecast Chart



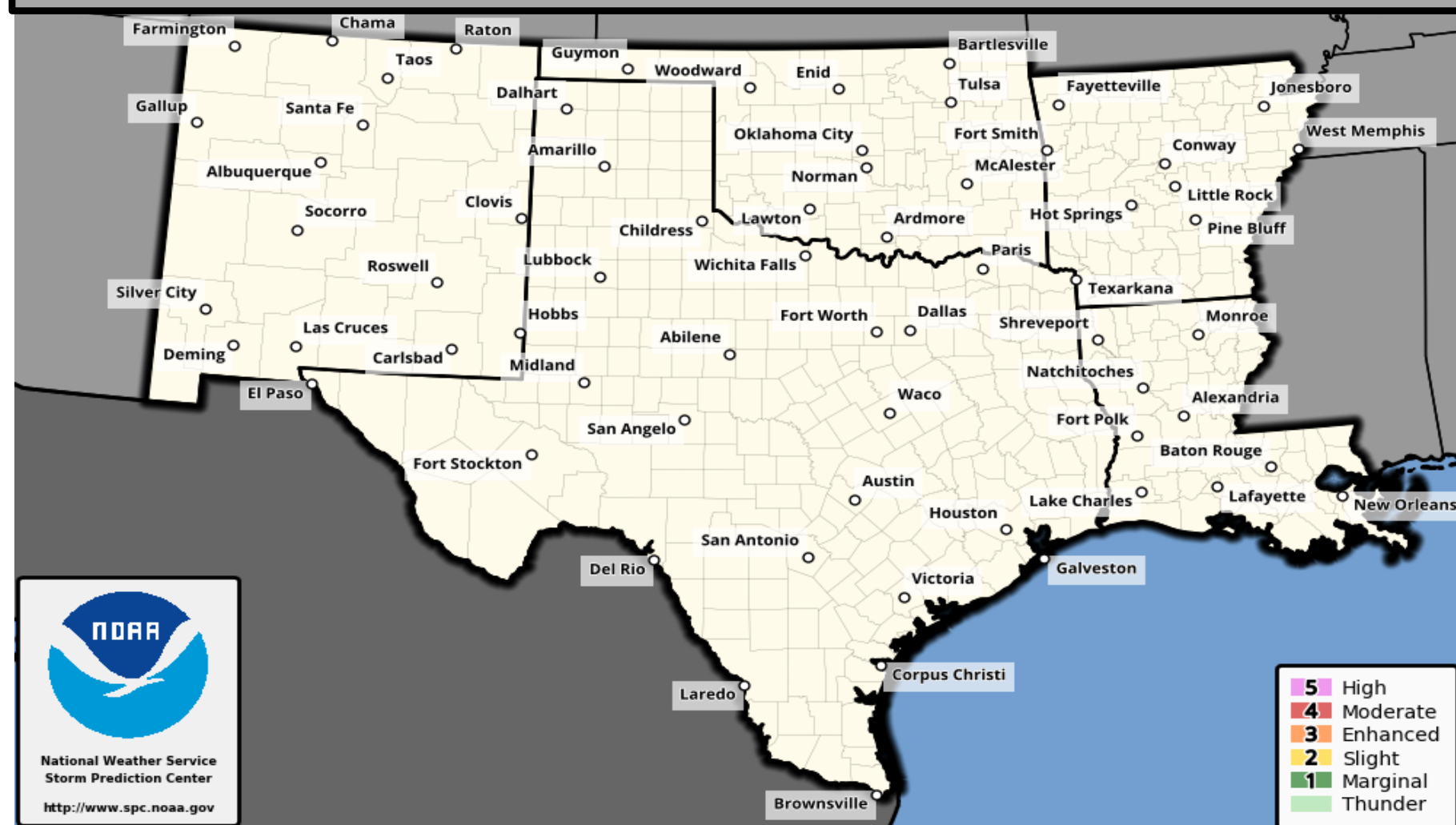
Forecast Rainfall



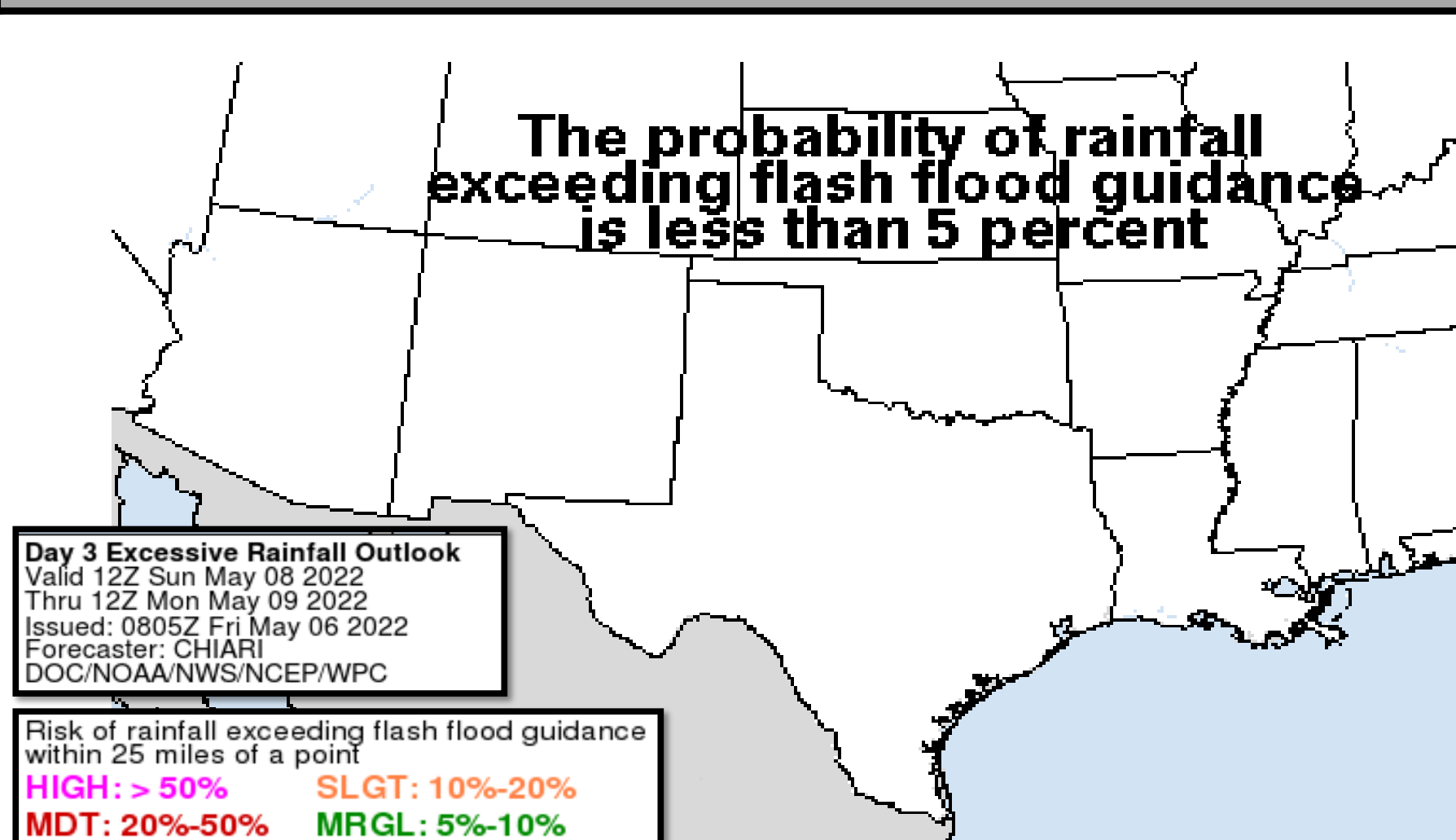
**Record/near record heat
across much of the Region.**

**Critical fire weather conditions
across NM, W TX, and W OK.**

Severe Weather Outlook



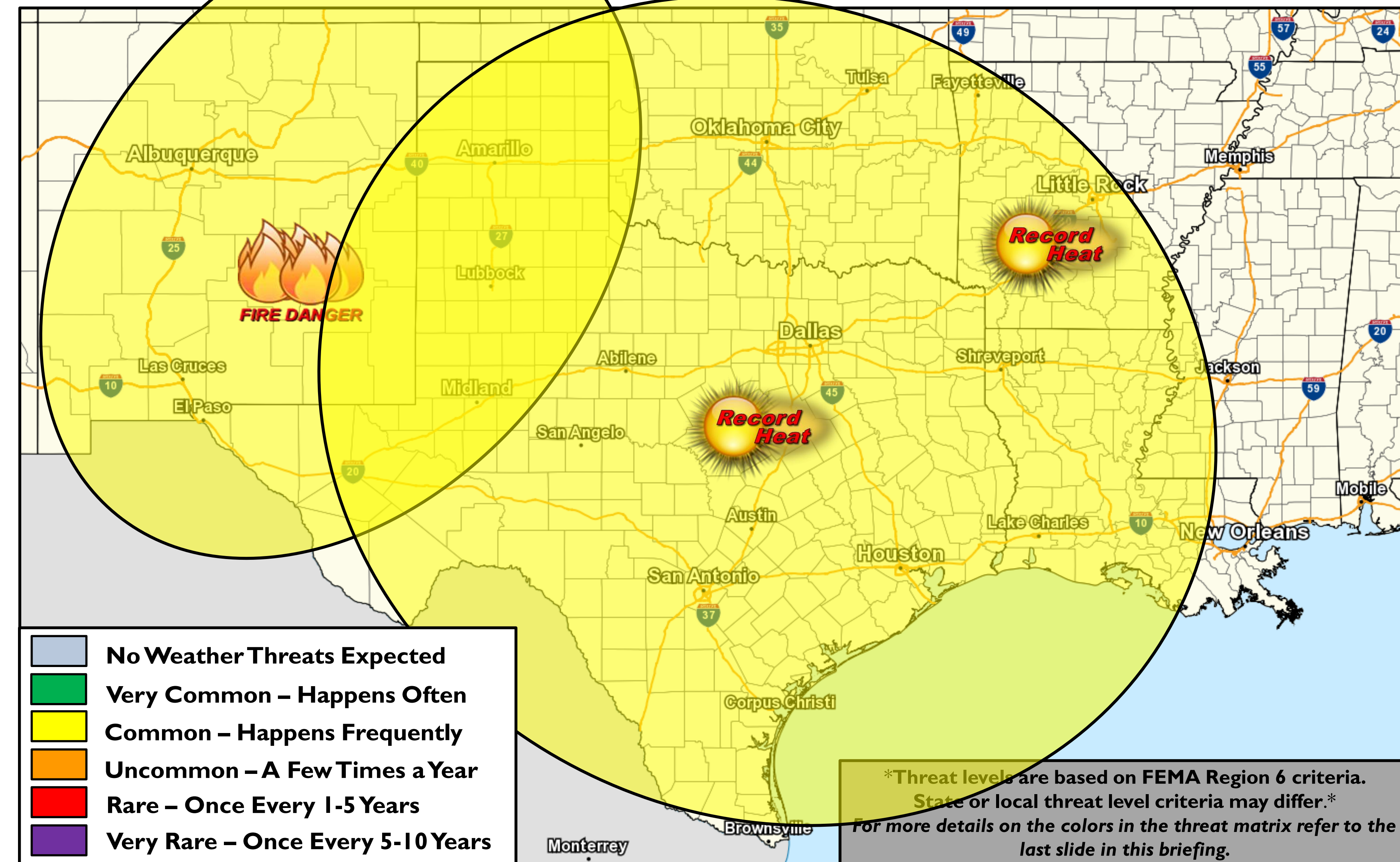
Excessive Rainfall Outlook





Days 4-5 Weather Hazards

Monday - Tuesday



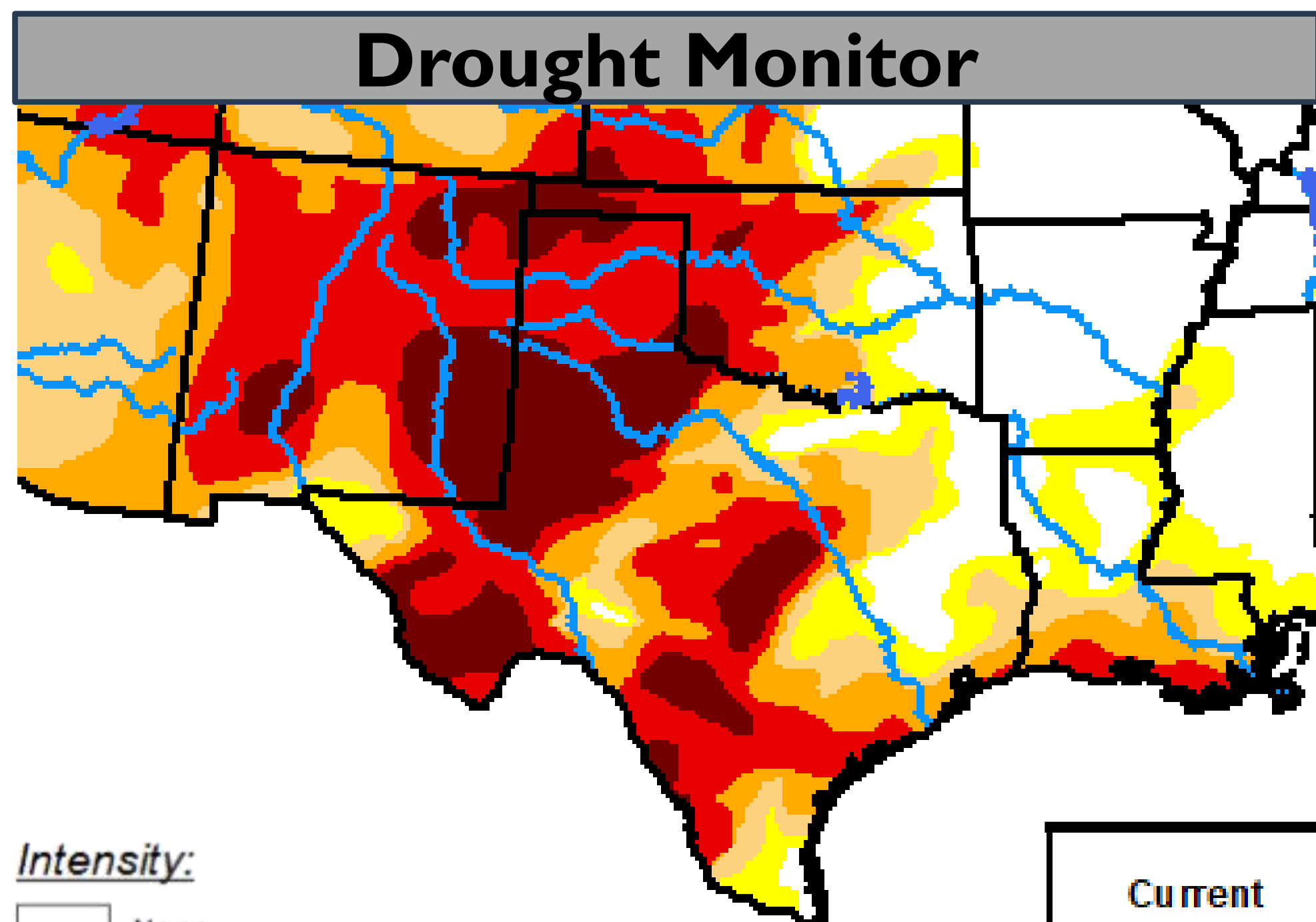
Record/near record heat across much of the Region.

Critical / near-critical fire weather conditions across NM, W TX, and W OK on Monday.

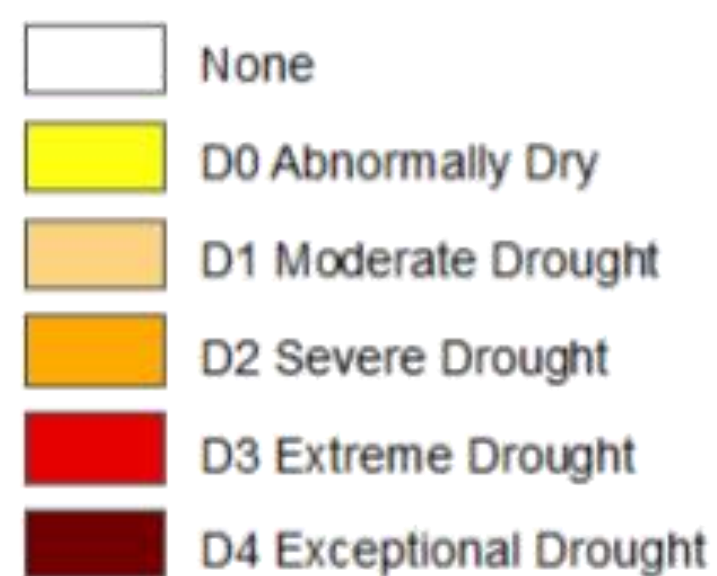


Drought Monitor (Released May 5, 2022)

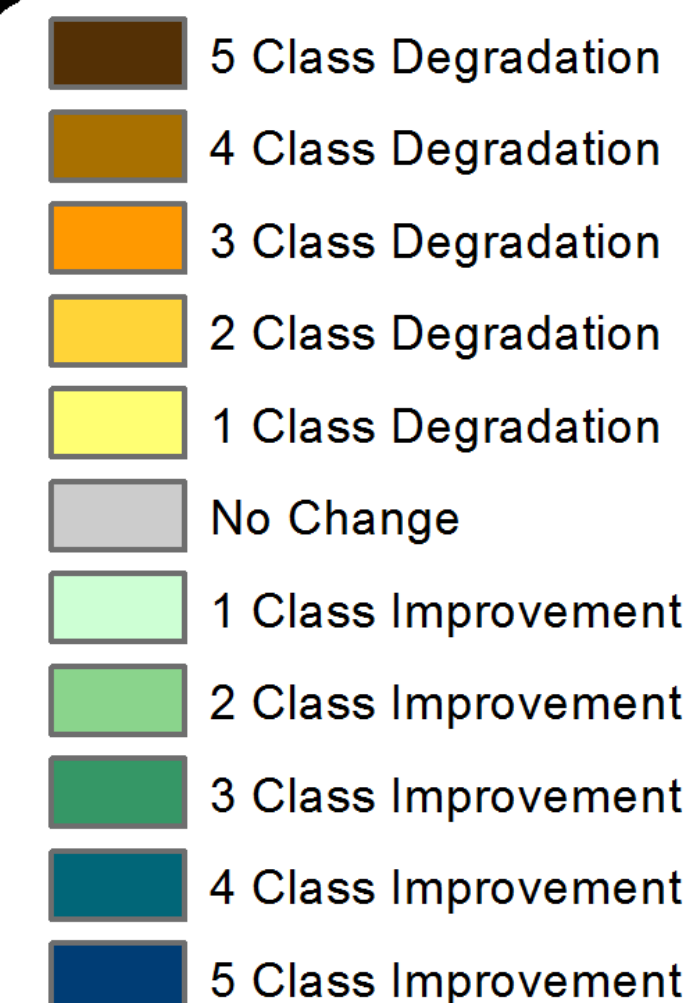
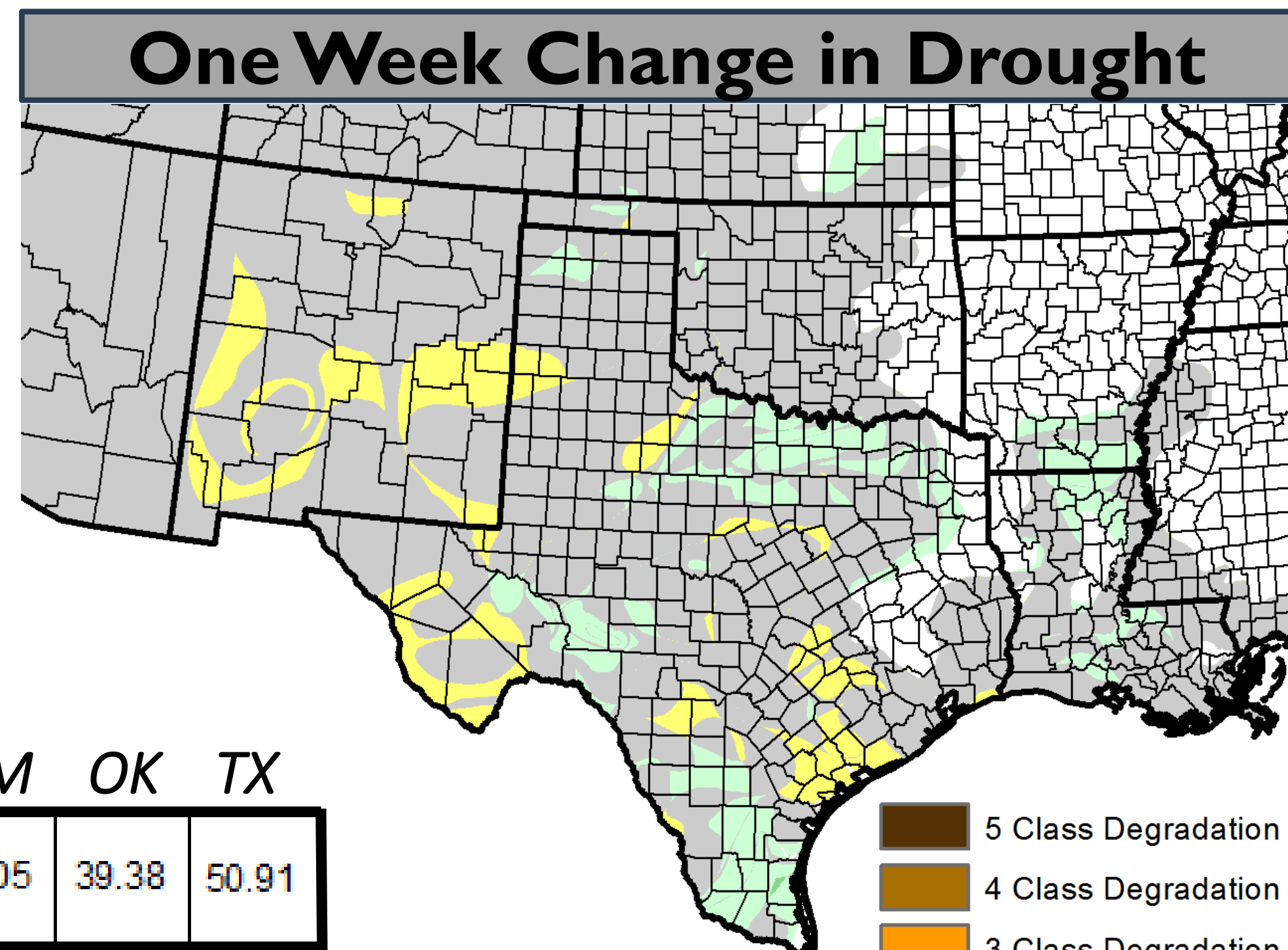
Data valid as of 8 am ET on Tuesday, May 3, 2022



Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



| | AR | LA | NM | OK | TX |
|----------------------------|------|-------|-------|-------|-------|
| Current | 0.00 | 12.66 | 79.05 | 39.38 | 50.91 |
| Last Week 04-26-2022 | 0.00 | 14.48 | 67.99 | 39.39 | 50.25 |
| 3 Months Ago 02-01-2022 | 3.78 | 8.80 | 29.76 | 49.17 | 31.56 |
| One Year Ago 05-04-2021 | 0.00 | 0.00 | 80.50 | 0.08 | 16.73 |

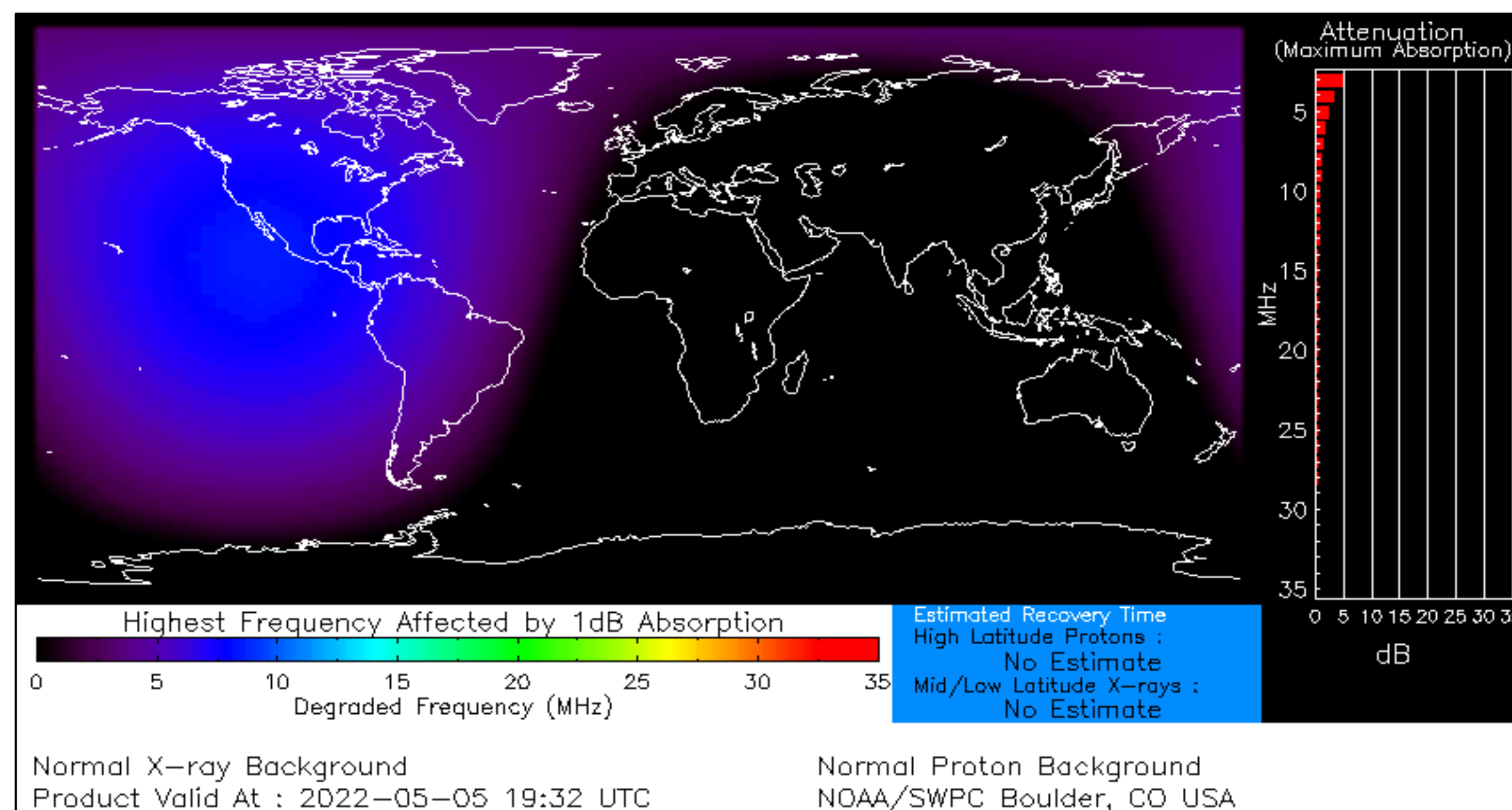
Drought Conditions (Percent Area)

D3-D4 (Extreme to Exceptional Drought)



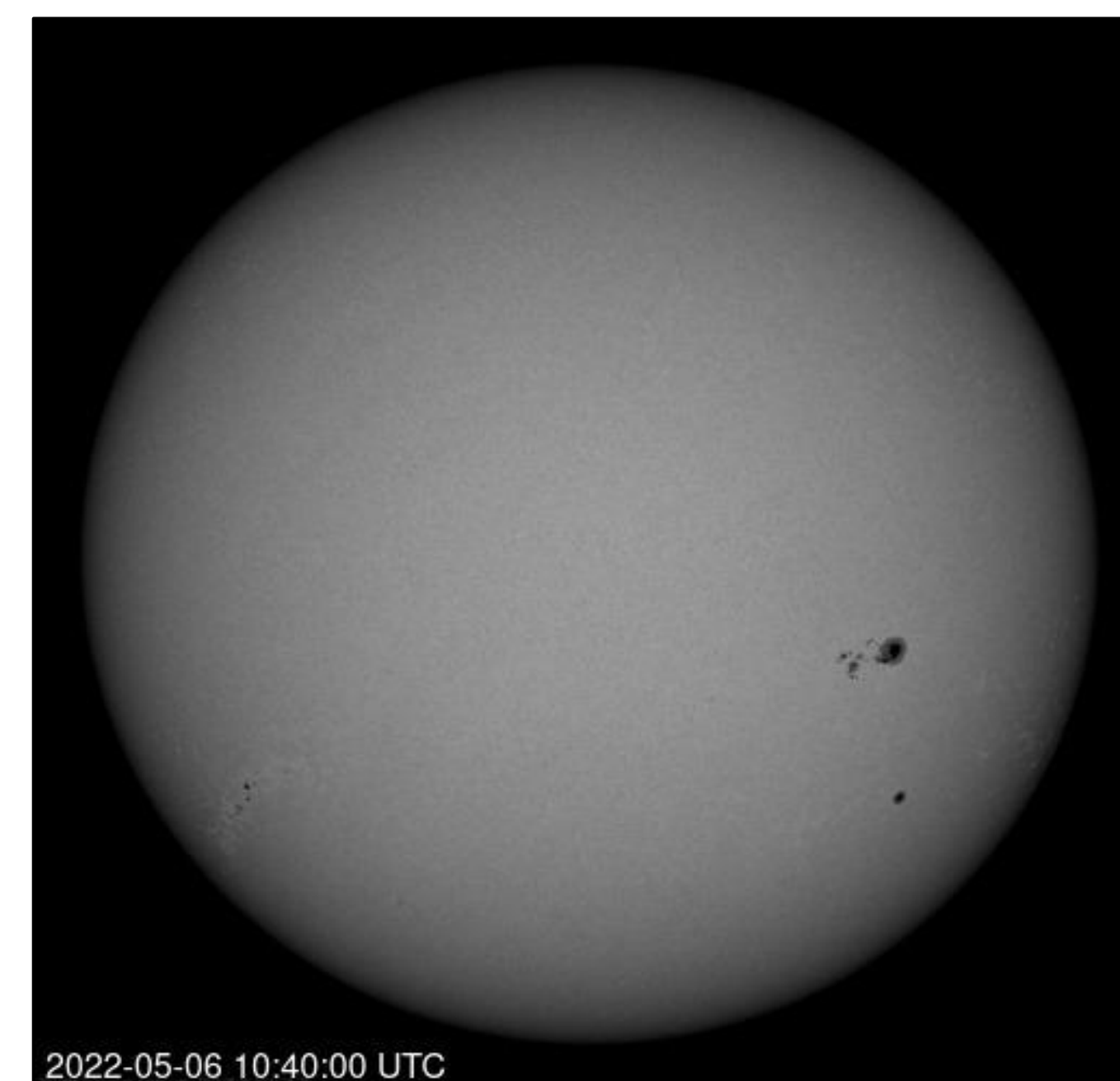
Space Weather 3-Day Forecast

| | Friday | Saturday | Sunday |
|--------------------------------------|-------------------------------|-----------------------------------|-----------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Unsettled (Max Kp = 3) | Unsettled (Max Kp = 3) |
| Solar Radiation Storm (S1-S5) | 10% | 10% | 10% |
| Radio Blackout (R1-R2) | 70% | 70% | 70% |
| Radio Blackout (R3-R5) | 25% | 25% | 25% |



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix for FEMA Region VI

| Color | Definition | Criteria | Example(s) |
|--------|--|---|--|
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov